

WHAT IS CLAIMED IS:

Sub A6 7

1. A system for verifying modem status for a telecommunications service provider in a broadband network serviced by a central office, the system comprising: an internet interface for receiving a modem status request from the telecommunications service provider via a telecommunications network; an integrator capable of retrieving subscriber information; a server connected to said internet interface for receiving said modem status request and transmitting said modem status request to said integrator whereby said integrator interprets said modem status request and retrieves corresponding subscriber information and transmits said corresponding subscriber information to said server, said server thereby converting said corresponding subscriber information to a central office request and sending said central office request to said central office, said central office responding to said request and transmitting a status signal to said server and said server transmitting said signal to said internet interface which converts said status signal to a readable format for said telecommunications service provider.

2. The system of claim 1 wherein said internet interface is a web server having an internet web site resident therein containing a list of telecommunications service provider customers.

3. The system of claim 2 wherein said modem status request is a designation of a customer from said list of telecommunications service provider customers.

4. The system of claim 3 wherein said modem status request is a telecommunications service provider customer telephone number.

Sub A⁶ 7

5. The system of claim 4 wherein said subscriber information is customer node and port records.

6. The system of claim 1 wherein central office includes a DSLAM and said central office request is a SNMP request corresponding to the DSLAM.

7. The system of claim 1 wherein said readable format for said telecommunications service provider is a web site interface.

8. The system of claim 1 wherein said status signal includes a status from a list of connected, not connected or connecting.

9. The system of claim 1 wherein said status signal is provided to said telecommunications service provider in real-time.

10. The system of claim 1 wherein said server is capable of receiving multiple status requests.

11. A system for verifying modem status for an internet service provider in a digital broadband network serviced by a central office, the system comprising: a web server having an internet website interface for receiving a modem status request from the internet service provider via the internet; an integrator capable of retrieving subscriber location information; a status server connected to said web server for receiving said modem status request and transmitting said request to said integrator whereby said integrator interprets said modem status request and retrieves corresponding subscriber location information and

Sub A⁶ 7

transmits said corresponding subscriber information to said status server, said status server thereby converts said corresponding subscriber information to a central office DSLAM request and sends said central office DSLAM request to said central office DSLAM, said central office DSLAM responds to said request and transmits a status signal to said status server and said status server transmits said signal to said webserver which converts said signal to a readable format on said internet website interface for viewing by said internet service provider.

12. A method for verifying modem status for an telecommunications service provider in a communications network serviced by a central office, the method comprising: connecting to an internet interface;

transmitting a modem status request to the internet interface; transferring said modem status request from the internet interface to a server;

transmitting said modem status request from said server to an integrator whereby said integrator interprets said modem status request and retrieves corresponding subscriber information;

transmitting said corresponding subscriber information to said server;

converting said corresponding subscriber information to a central office request;

sending said central office request to said central office; querying modem status of a customer and creating a status signal;

transmitting said status signal to said server;

transmitting said status signal from said server to said internet interface; and

converting said status signal to a readable format for said telecommunications service provider.

Sub A6 7

13. The method of claim 12 wherein connecting to said internet interface further comprises connecting to a web server having an internet web site resident therein containing a list of telecommunications service provider customers.

14. The method of claim 13 wherein transmitting said modem status request further comprises designating of a customer from said list of telecommunications service provider customers.

15. The method of claim 12 wherein converting said corresponding subscriber information to a central office request further comprises converting said corresponding subscriber information to a SNMP request corresponding to a DSLAM located at the central office.

16. The method of claim 12 wherein converting said status signal to a readable format for said telecommunications service provider further comprises converting the status signal to a web site interface screen indicating a status in real time.

17. A method for verifying modem status for an internet service provider in a digital broadband network serviced by a central office, the method comprising:

connecting to a webserver having an internet website interface;

transmitting a modem status request to the webserver via said internet website interface;

Sub A⁶ 7

transferring said modem status request from the webserver to a status server;

transmitting said modem status request from said status server to an integrator whereby said integrator interprets said modem status request and retrieves corresponding subscriber location information;

transmitting said corresponding subscriber location information to said status server; converting said corresponding subscriber location information to a central office DSLAM request; sending said central office DSLAM request to said central office;

querying modem status of a customer and creating a status signal;

transmitting said status signal to said server; transmitting said status signal from said status server to said web server; and

converting said status signal at said web server to a website interface for communication to said telecommunications service provider.

18. The method of claim 17 wherein converting said status signal to a website interface for communication to telecommunications service provider further comprises converting the status signal to a web site interface screen indicating a status in real time for viewing via an internet connection.

Add A⁷ 7